



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**D5673-041**  
**Job Sheet 193817**



**Part No:** D5673-041

**Job Qty:** 1 pcs

**Part Name:** Long XL Basket Assembly, LH



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 4/23/19

**Job Tracking No:**

**Due Date:** 5/10/19

**Created By:** Marie Lajeunesse

**Type:** Stock

**Description:**

**Note:** TBD DWG D5673 REV.A IPP REV:A 18.07.23 NEW ISSUE DD VERF:JFS

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation              | Qty      | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|------------------------|----------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                        |          |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 100   | Packaging 1 - Pick Kit | 1<br>pcs |            | 5/10/19  | 0.00      | 0.00    | Packaging 1 - 1       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 2       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 3       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 4       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 5       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 6       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 7       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 8       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 9       |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 10      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 11      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 12      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 13      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 14      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 15      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 16      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 17      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 18      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 19      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 20      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 21      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 22      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 23      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 24      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 25      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 26      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 27      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 28      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 29      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 30      |           |          |
|       |                        |          |            |          |           |         | Packaging 1 - 31      |           |          |

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**DART**  
AEROSPACE

**Container No:** S184999



**Part:** D5673-041

**Job No:** 193817

**Serial No/Batch:** S184999

**Revision:** A

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 05/29/19

del 19-5-29

|     |                               |          |         |           |                           |            |
|-----|-------------------------------|----------|---------|-----------|---------------------------|------------|
|     |                               |          |         |           | Packaging 1 - 32          |            |
|     |                               |          |         |           | Packaging 1 - 33          |            |
|     |                               |          |         |           | Packaging 1 - 34          |            |
|     |                               |          |         |           | Packaging 1 - 35          |            |
|     |                               |          |         |           | Packaging 1 - 36          |            |
|     |                               |          |         |           |                           |            |
| 110 | Handfinish - 4-1-Assembly-B4B | 1<br>pcs | 5/10/19 | 0.00 1.00 | Handfinish - 4 - 1 - B4B  | ML 14-5-20 |
|     |                               |          |         |           | Handfinish - 4 - 10 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 11 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 12 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 13 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 14 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 15 - B4B |            |
|     |                               |          |         |           | Handfinish - 4 - 2 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 3 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 4 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 5 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 6 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 7 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 8 - B4B  |            |
|     |                               |          |         |           | Handfinish - 4 - 9 - B4B  |            |
|     |                               |          |         |           |                           |            |
| 120 | QC 5                          | 1<br>pcs | 5/10/19 | 0.00 0.00 | QC 5 - 10                 |            |
|     |                               |          |         |           | QC 5 - 12                 |            |
|     |                               |          |         |           | QC 5 - 17                 |            |
|     |                               |          |         |           | QC 5 - 18                 |            |
|     |                               |          |         |           | QC 5 - 19                 |            |
|     |                               |          |         |           | QC 5 - 22                 |            |
|     |                               |          |         |           | QC 5 - 24                 |            |
|     |                               |          |         |           | QC 5 - 3                  |            |
|     |                               |          |         |           | QC 5 - 43                 |            |
|     |                               |          |         |           | QC 5 - 49                 |            |
|     |                               |          |         |           | QC 5 - 51                 |            |
|     |                               |          |         |           | QC 5 - 58                 |            |
|     |                               |          |         |           | QC 5 - 68                 |            |
|     |                               |          |         |           | QC 5 - 9                  |            |
|     |                               |          |         |           | QC 5 - 50                 |            |
|     |                               |          |         |           | QC 5 - 30                 |            |
|     |                               |          |         |           | QC 5 - 40                 |            |
| 130 | Packaging 3-1 - Stock - B4B   | 1<br>pcs | 5/10/19 | 0.00 0.00 | Packaging 3 - 1 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 2 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 3 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 4 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 5 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 6 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 7 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 8 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 9 - B4B     |            |
|     |                               |          |         |           | Packaging 3 - 10 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 11 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 12 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 13 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 14 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 15 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 16 - B4B    |            |
|     |                               |          |         |           | Packaging 3 - 17 - B4B    |            |



|     |            |          |         |                        |                 |
|-----|------------|----------|---------|------------------------|-----------------|
|     |            |          |         | Packaging 3 - 18 - B4B |                 |
|     |            |          |         | Packaging 3 - 19 - B4B |                 |
|     |            |          |         | Packaging 3 - 20 - B4B |                 |
|     |            |          |         | Packaging 3 - 21 - B4B |                 |
|     |            |          |         | Packaging 3 - 22 - B4B |                 |
|     |            |          |         | Packaging 3 - 23 - B4B |                 |
|     |            |          |         | Packaging 3 - 24 - B4B |                 |
|     |            |          |         | Packaging 3 - 25 - B4B |                 |
|     |            |          |         | Packaging 3 - 26 - B4B |                 |
|     |            |          |         | Packaging 3 - 27 - B4B |                 |
|     |            |          |         | Packaging 3 - 28 - B4B |                 |
|     |            |          |         | Packaging 3 - 29 - B4B |                 |
|     |            |          |         | Packaging 3 - 30 - B4B |                 |
|     |            |          |         | Packaging 3 - 31 - B4B |                 |
|     |            |          |         | Packaging 3 - 32 - B4B |                 |
|     |            |          |         | Packaging 3 - 33 - B4B |                 |
|     |            |          |         | Packaging 3 - 34 - B4B |                 |
|     |            |          |         | Packaging 3 - 35 - B4B |                 |
|     |            |          |         | Packaging 3 - 36 - B4B |                 |
| 140 | QC 21 - SA | 1<br>pcs | 5/10/19 | 0.00 0.00              | QC 21 - SA - 21 |
|     |            |          |         |                        | QC 21 - SA - 70 |
|     |            |          |         |                        | QC 21 - SA - 53 |

Part Op 100 - (Pick Kit)

Descriptions: 110 - (Assemble as per dwg)

120 - (QC5- Inspect part completeness to step on W/O)

130 - (Identify as per dwg &amp; Stock Location: \_\_\_\_\_)

140 - (QC21- Final Inspection - Work Order Release)

MAY 29 2019

## Job BOM

009955

| Part / Item   | Component Name                 | Quantity     | Operation                  | Container |
|---------------|--------------------------------|--------------|----------------------------|-----------|
| AN3-14A X     | Bolt                           | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5161920-1 |
| AN310-4       | Nut                            | 3 Ea (3 ea)  | 100-Packaging 1 - Pick Kit | 5180302   |
| AN310C4       | Nut                            | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5156966   |
| AN4-12        | Bolt                           | 3 Ea (3 ea)  | 100-Packaging 1 - Pick Kit | 5174185   |
| AN5-17A       | Bolt                           | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5156671-2 |
| D3913-041     | Long Basket Base Assembly, 350 | 1 pcs (1 ea) | 100-Packaging 1 - Pick Kit | 5182315   |
| D3917-3       | Washer                         | 6 pcs (6 ea) | 100-Packaging 1 - Pick Kit | 5176362   |
| D3953-17      | Gas Spring Spacer              | 1 pcs (1 ea) | 100-Packaging 1 - Pick Kit | 5179592   |
| D3953-21      | Gas Spring Bracket             | 1 pcs (1 ea) | 100-Packaging 1 - Pick Kit | 5150029   |
| D3953-3       | Gas Spring Stud, Lid           | 2 pcs (2 ea) | 100-Packaging 1 - Pick Kit | 5145885   |
| D3953-7       | Spring Spacer                  | 2 pcs (2 ea) | 100-Packaging 1 - Pick Kit | 5163881   |
| D3953-9       | Gas Spring Washer              | 2 pcs (2 ea) | 100-Packaging 1 - Pick Kit | 5173350   |
| D3969-3       | Spring (Basket Lid)            | 1 pcs (1 ea) | 100-Packaging 1 - Pick Kit | 5163140   |
| D5669-041     | Long Basket Lid Assembly       | 1 pcs (1 ea) | 100-Packaging 1 - Pick Kit | 5182314   |
| MS21042L3     | Nut                            | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5157462   |
| MS21042L5     | Nut                            | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5176461   |
| MS24665-151   | Cotter Pin                     | 3 Ea (3 ea)  | 100-Packaging 1 - Pick Kit | 5104952   |
| MS24665-300   | Cotter Pin                     | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5157261   |
| NAS1149C0432R | Washer                         | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5103990-1 |
| NAS1149F0332P | Washer                         | 4 Ea (4 ea)  | 100-Packaging 1 - Pick Kit | 5155921   |
| NAS1149F0432P | Washer                         | 6 Ea (6 ea)  | 100-Packaging 1 - Pick Kit | 5155666   |
| NAS1149F0563P | Washer                         | 2 Ea (2 ea)  | 100-Packaging 1 - Pick Kit | 5096031-6 |

| Job Allocations                    |                |          |           |           |
|------------------------------------|----------------|----------|-----------|-----------|
| Operation                          | Component Part | Required | Inventory | Allocated |
| 100-Packaging 1 - Pick Kit         | AN3-14A        | 2        | 233       | 0         |
|                                    | AN310-4        | 3        | 106       | 0         |
|                                    | AN310C4        | 2        | 81        | 0         |
|                                    | AN4-12         | 3        | 80        | 0         |
|                                    | AN5-17A        | 2        | 145       | 0         |
|                                    | D3913-041      | 1        | 2         | 0         |
|                                    | D3917-3        | 6        | 32        | 0         |
|                                    | D3953-17       | 1        | 9         | 0         |
|                                    | D3953-21       | 1        | 52        | 0         |
|                                    | D3953-3        | 2        | 46        | 0         |
|                                    | D3953-7        | 2        | 52        | 0         |
|                                    | D3953-9        | 2        | 44        | 0         |
|                                    | D3969-3        | 1        | 58        | 0         |
|                                    | D5669-041      | 1        | 0         | 0         |
|                                    | MS21042L3      | 2        | 3,426     | 0         |
|                                    | MS21042L5      | 2        | 703       | 0         |
|                                    | MS24665-151    | 3        | 424       | 0         |
|                                    | MS24665-300    | 2        | 576       | 0         |
|                                    | NAS1149C0432R  | 2        | 1,688     | 0         |
|                                    | NAS1149F0332P  | 4        | 5,225     | 0         |
|                                    | NAS1149F0432P  | 6        | 2,105     | 0         |
|                                    | NAS1149F0563P  | 2        | 353       | 0         |
| Part Specifications                |                |          |           |           |
| Specifications could not be found. |                |          |           |           |

Plex 4/23/19 8:34 AM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |              |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                            | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        | MRB (QSI042) |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Disposition</b>     |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Completed By           |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead hand / Supervisor |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | QC / QA Coordinator    |              |  |
| <b>Root Cause</b><br><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |                        |              |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |              |  |